ABSTRACT OF THE DISCLOSURE

A method of forming a portion of a monolithic concrete building provides for two-dimensional support of horizontally extensive portions of the building at all times and thus reduces the strength required of the vertically extensive supports. The method employs flanged wall members having horizontal extents substantially equal to the selected room size. Each of the wall members has at least one flange extending horizontally towards a parallel facing wall member by about ten to twenty five percent of the intramural separation between the walls of the room being constructed. Horizontal floor or ceiling slabs that link the horizontal flanges may be cast in situ using a form plate supported by a temporary trussed joist.